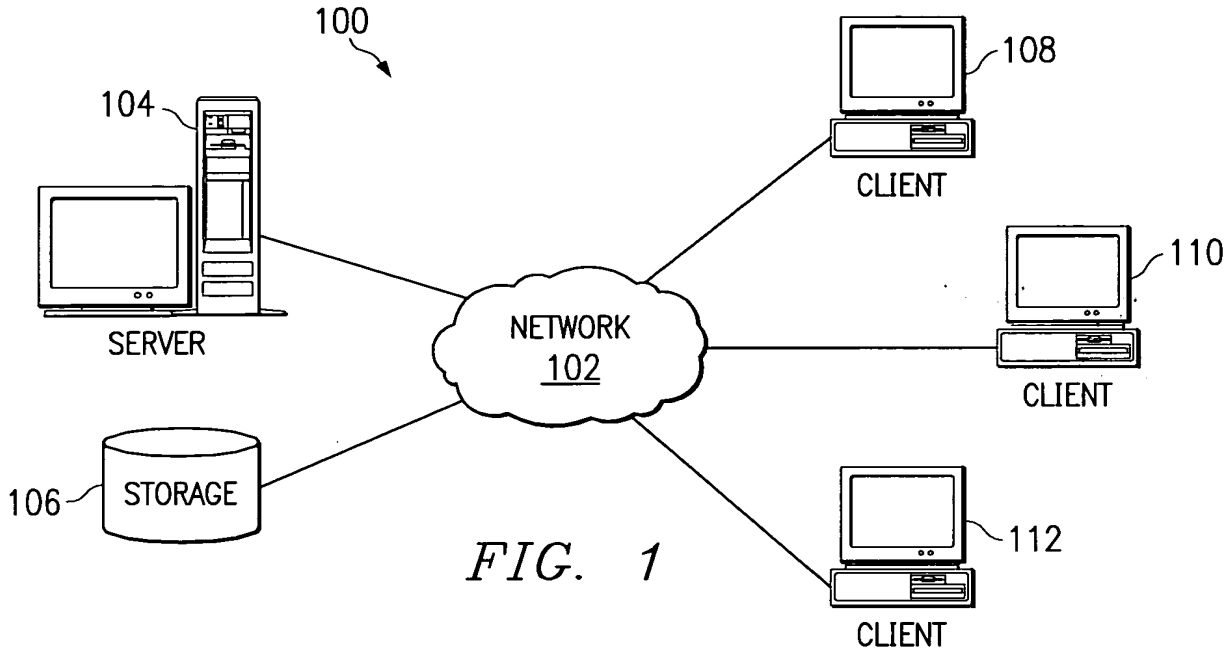
100
104
SERVER
108
CLIENT
110
CLIENT
NETWORK
102
106
STORAGE
112
CLIENT

FIG. 1

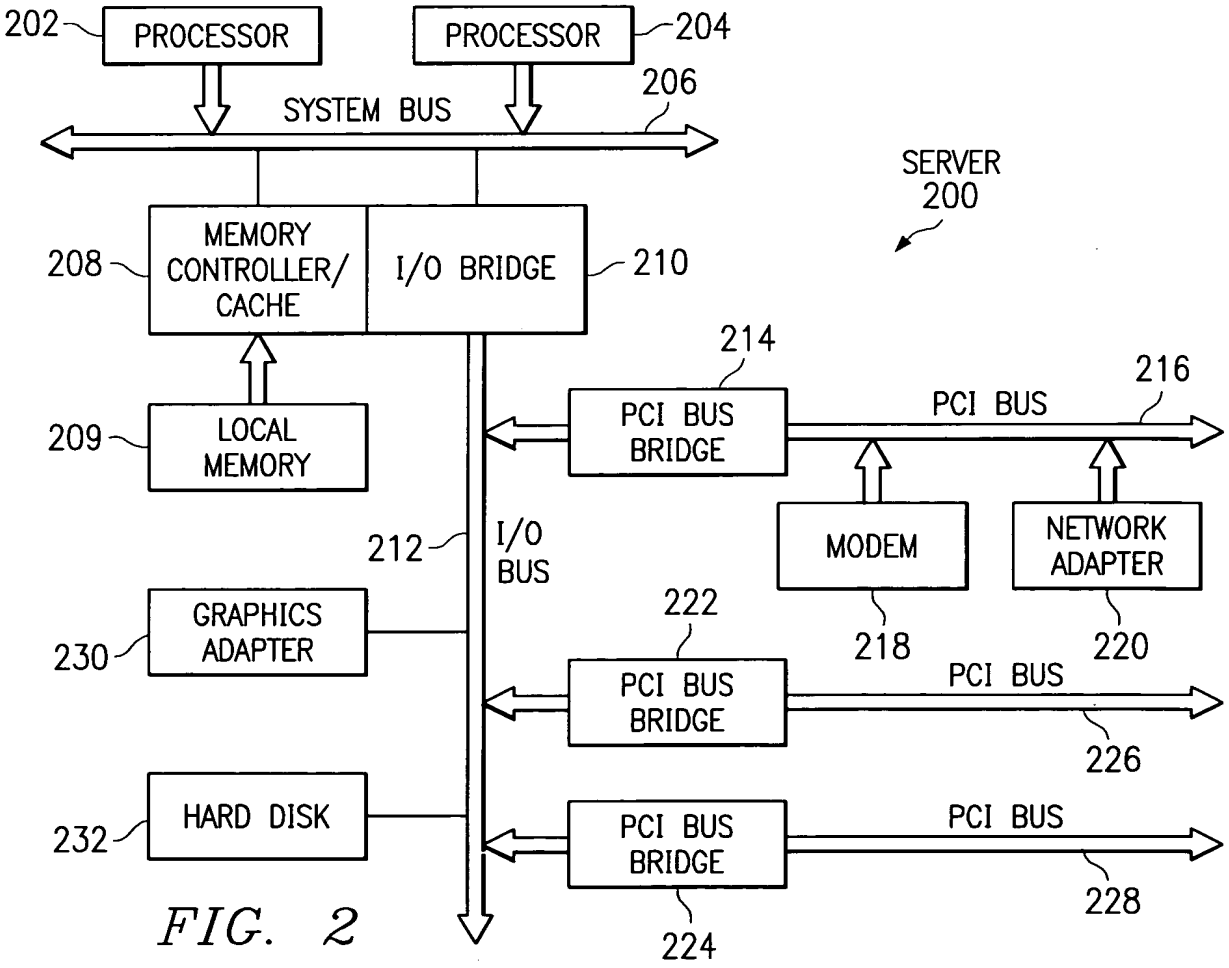
202
PROCESSOR
PROCESSOR
204
206
SYSTEM BUS
SERVER
200
208
MEMORY CONTROLLER/ CACHE
I/O BRIDGE
210
214
216
PCI BUS
209
LOCAL MEMORY
PCI BUS BRIDGE
PCI BUS
212
I/O BUS
MODEM
NETWORK ADAPTER
222
230
GRAPHICS ADAPTER
218
220
PCI BUS
PCI BUS BRIDGE
226
232
HARD DISK
PCI BUS
PCI BUS BRIDGE
228
224

FIG. 2

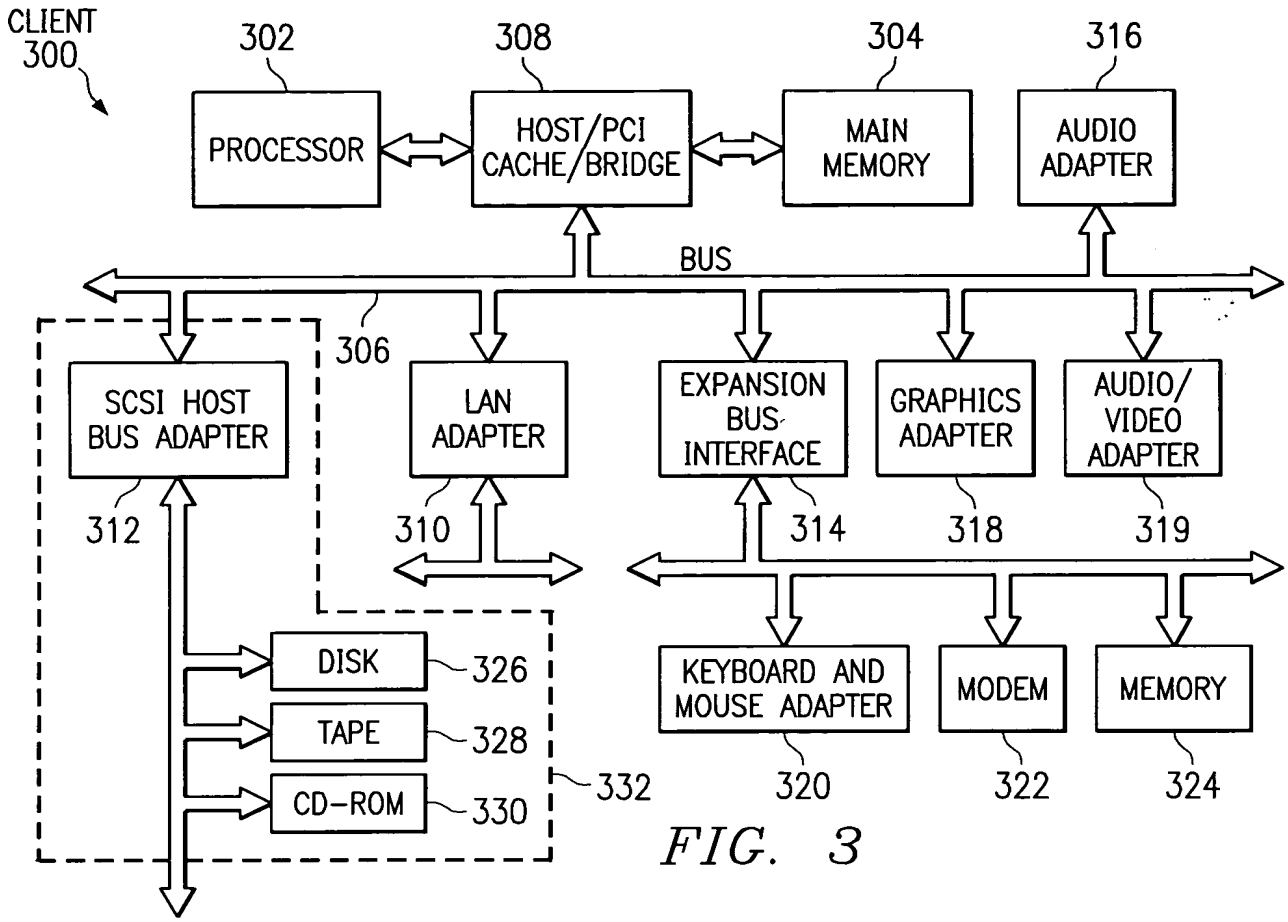
CLIENT
300
302
308
304
316
PROCESSOR
HOST/PCI
CACHE/BRIDGE
MAIN
MEMORY
AUDIO
ADAPTER
BUS
306
SCSI HOST
BUS ADAPTER
LAN
ADAPTER
EXPANSION
BUS
INTERFACE
GRAPHICS
ADAPTER
AUDIO/
VIDEO
ADAPTER
312
310
314
318
319
DISK
326
TAPE
328
CD-ROM
330
332
KEYBOARD AND
MOUSE ADAPTER
MODEM
MEMORY
320
322
324

FIG. 3

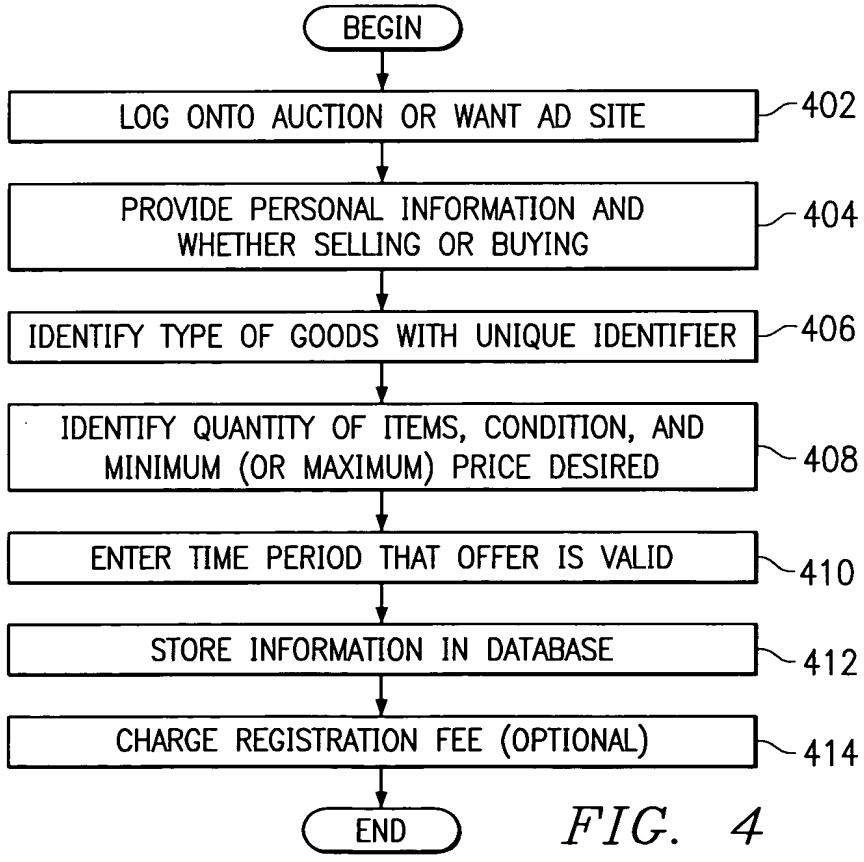
BEGIN
LOG ONTO AUCTION OR WANT AD SITE
402
PROVIDE PERSONAL INFORMATION AND
WHETHER SELLING OR BUYING
404
IDENTIFY TYPE OF GOODS WITH UNIQUE IDENTIFIER
406
IDENTIFY QUANTITY OF ITEMS, CONDITION, AND
MINIMUM (OR MAXIMUM) PRICE DESIRED
408
ENTER TIME PERIOD THAT OFFER IS VALID
410
STORE INFORMATION IN DATABASE
412
CHARGE REGISTRATION FEE (OPTIONAL)
414
END

FIG. 4

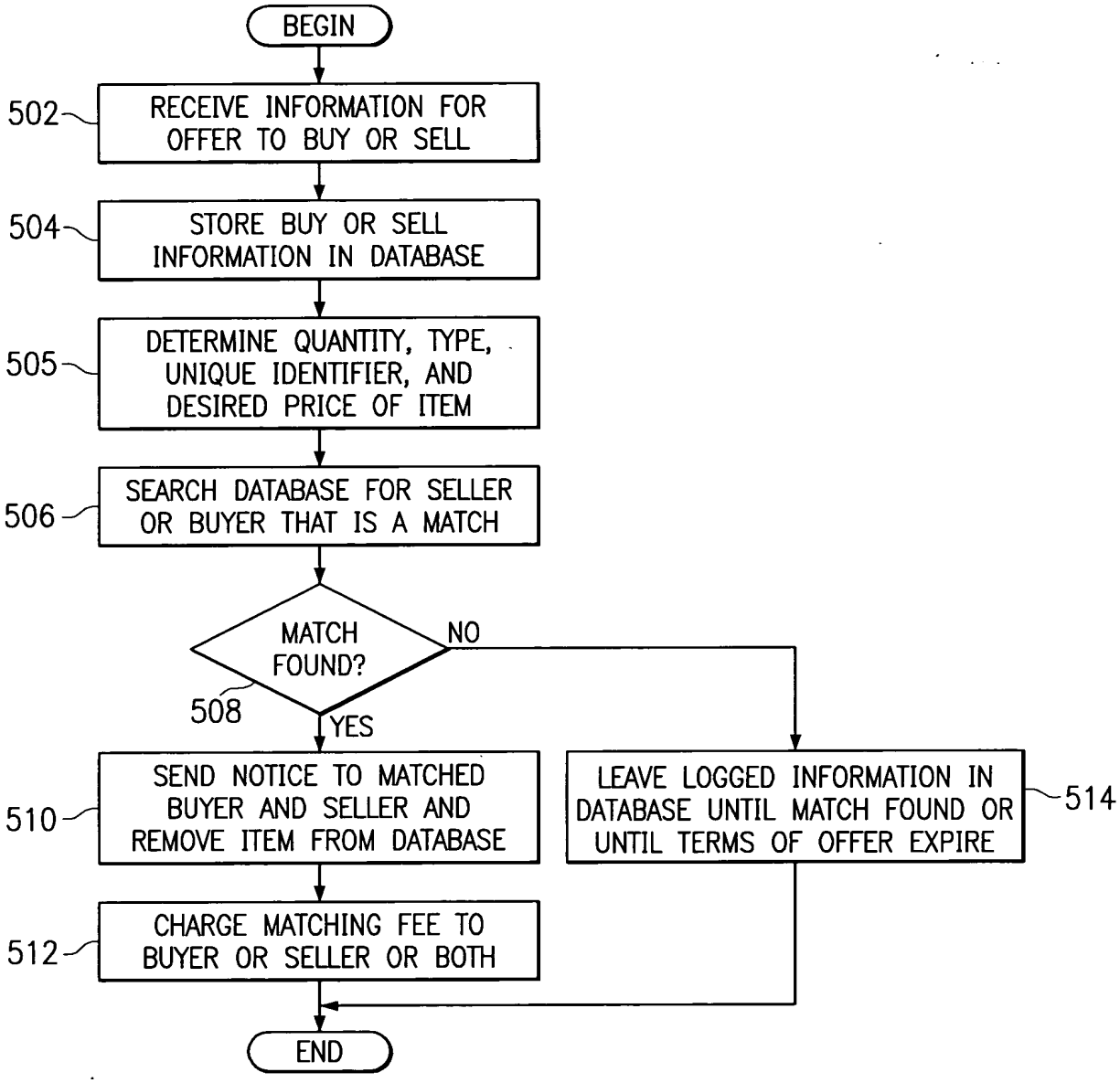
BEGIN
502
RECEIVE INFORMATION FOR OFFER TO BUY OR SELL
504
STORE BUY OR SELL INFORMATION IN DATABASE
505
DETERMINE QUANTITY, TYPE, UNIQUE IDENTIFIER, AND DESIRED PRICE OF ITEM
506
SEARCH DATABASE FOR SELLER OR BUYER THAT IS A MATCH
MATCH FOUND?
508
NO
YES
510
SEND NOTICE TO MATCHED BUYER AND SELLER AND REMOVE ITEM FROM DATABASE
512
CHARGE MATCHING FEE TO BUYER OR SELLER OR BOTH
LEAVE LOGGED INFORMATION IN DATABASE UNTIL MATCH FOUND OR UNTIL TERMS OF OFFER EXPIRE
514
END

FIG. 5